

**REMARKS**

Claims 1-24 remain in the application for consideration of the Examiner.

Reconsideration and withdrawal of the outstanding rejections are respectfully requested in light of the above amendments and following remarks.

Turning now to the art rejections, Claims 1, 3-7, and 17-22 were rejected under 35 U.S.C. § 103 as being unpatentable over McGrath.

These rejections are respectfully traversed.

It is respectfully submitted that McGrath does not disclose or suggest the presently claimed invention including a positioning vector indicative of a desired position of an output sample relative to a set of input samples according to a scaling factor in independent Claim 1, means for generating a position vector indicative of a desire position of an output sample relative to a set of input samples in independent Claim 17, albeit defined as the step of generating a positioning vector indicative of a desired relative position of an output sample relative to a set of input samples in independent Claim 19.

Applicants agree with the Examiner as evidence by page 2 of the Office Action that McGrath does not disclose positional vectors.

Applicants respectfully submit that it is not obvious to one of ordinary skill in the art for the above claimed subject matter.

Applicants appreciate the indication that Claims 8-16, 23, and 24 are allowable over the applied art.

Applicants have placed Claim 8 in independent form and Claim 23 has been placed in independent form including the limitations of Claim 19 only.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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